Pub. No. 168631-00-RV00

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ACCIDENT INVESTIGATION REQUEST FORM

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Document Number 0 555 (058	
Date of Incident 12/92	Category I.D. 56	CT04
Pollow-Up Requested	Bazard Analysis	Section 15
Type Follow-Up Requested	Telephone Call Or	On-Site)
Beadquarters Contact RRO	sol nandradou	
Assignment Message Whife	accident scen	ario. Optair
product it as	dilable Obta	in fire
dept report	invobtigative -	du-wollat
reports notif	ying sound of	fire-also
-any product	analysis. Be	Sure to
detarmine ac	s SIH vice re	ord, authorn
- of use and	of circumstra	MICHYLIZ ASSC
cause of fire	. Any photogr	aphs by
tire dept?		
Person(s) to Contact	M. C. A. L. C.	
	Freind OR	
(2) (2)	Men if Toast-R-C	\
(3) Fi	es De Of	7 210/47
Guideline		
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Requested By RR	CCCIIII	
Task Ruber 950609	CCC1442	
Assigned to	00 Date 930629	

Talbott Associates
Incorporated

Sposler's

7 SE 97th Avenue Portland Origin 97216-2498 503/256-3852 FAX 252-78 #

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C335058

March 18, 1993

TAI File 930014 930629CCC/442

MAR 2 6 1993

The Office of the Secretary Consumer Products Safety Commission Washington, DC 20207

To Whom It May Concern:

I am in receipt of a Black & Decker Toast-R-Oven toaster, model no. TRO200, that was recently involved in a residential fire. This toaster was in the area of origin of the fire.

Pursuant to the Freedom of Information Act, I would like to request any information you may have regarding fires involving this product.

Sincerely,

TALBOTT ASSOCIATES, INC.

Thomas D. Jones, P.E.

TDJ:go

Consulting Engineers

Joyce Coonley

CALLS TO LAWYERS

IDENTIFICATION

C335058

CITY/STATE

Portland, OR

DATE OF ACCIDENT

12/8/92

TYPE OF INJURY

N/A

AGE/SEX N/A

SCENARIO (1 sentence)

Malfunction of an internal control on B&D Toast-R-Oven caused uncontrolled internal heating resulting in fire.



PHOTO # 1: Respondent's photograph of the kitchen fire damage.



Photo # 2: Insurance photo of the kitchen fire damage.

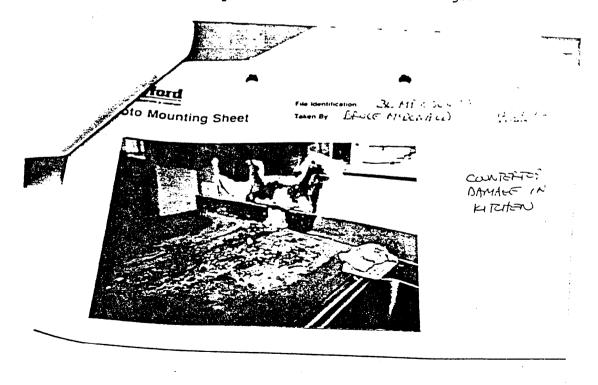


Photo # 3: Insurance photo of the area of origin of the fire.

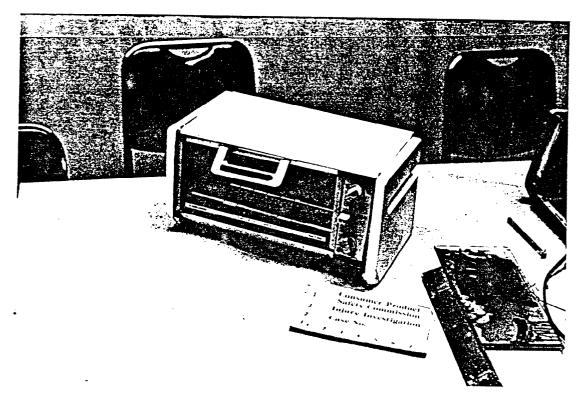


Photo # 4: Overall view of the exemplar.

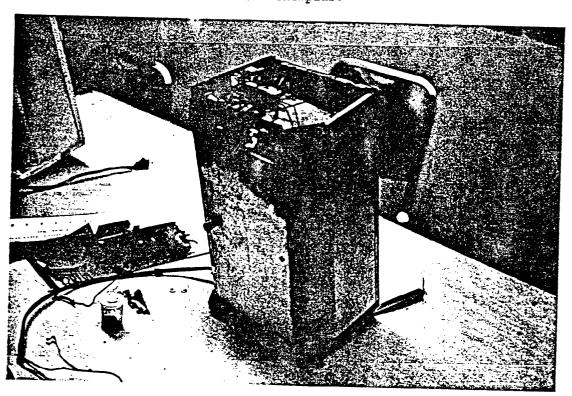
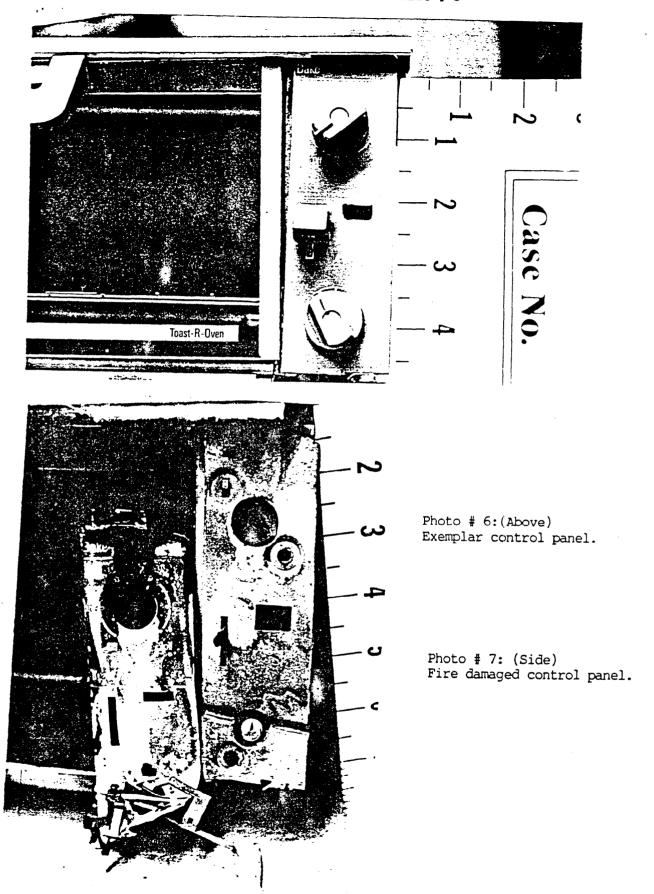


Photo # 5: View of the end of the fire damaged unit.



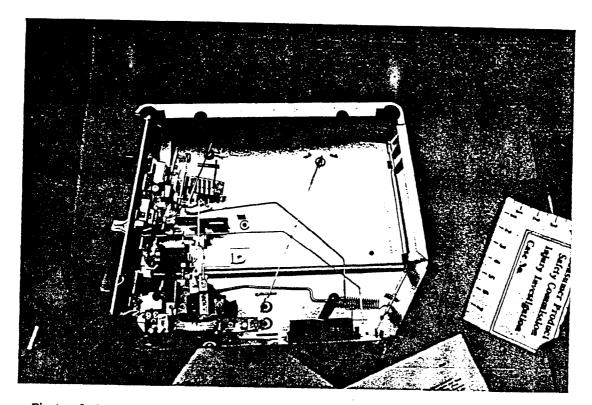


Photo # 8: Internal view, exemplar control compartment.

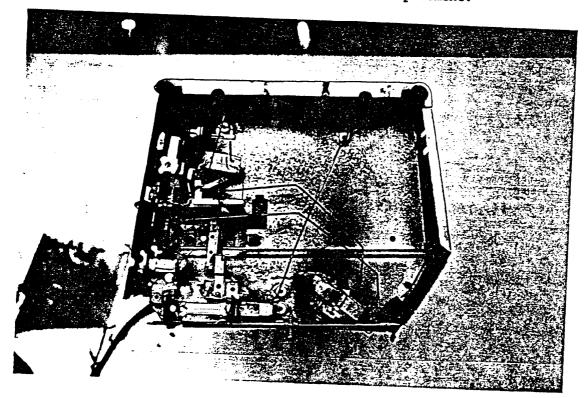


Photo # 9: Internal view, fire damage control compartment.

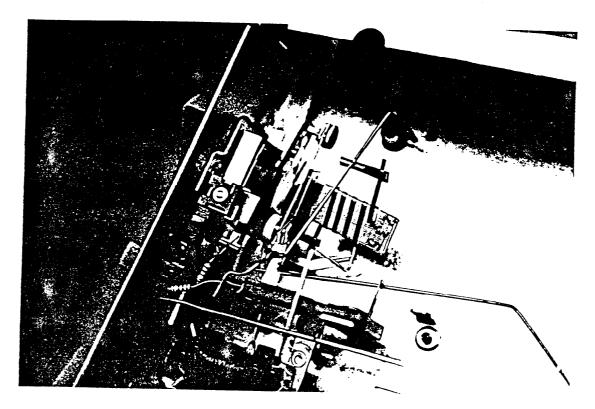


Photo # 10: Exemplar thermostat.

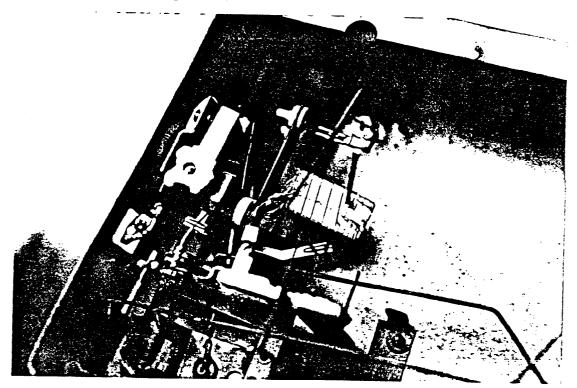


Photo # 11: Fire damaged unit thermostat.

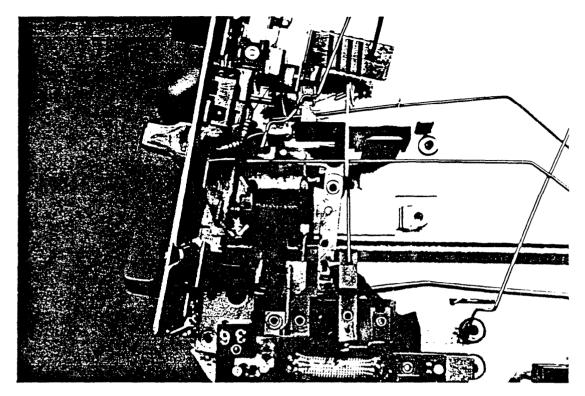


Photo # 12: Exemplar controls and solenoid.

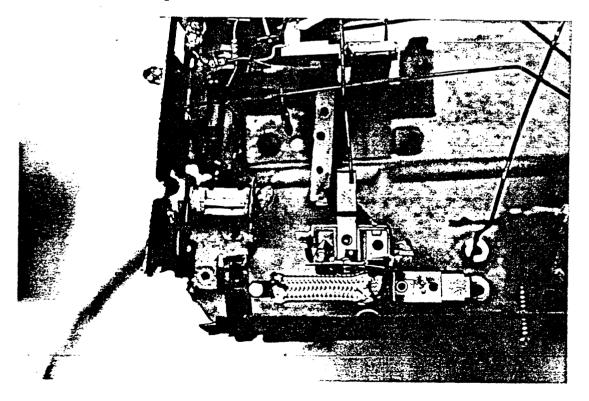


Photo # 13: Fire damaged unit controls with the remains of the solenoid removed.

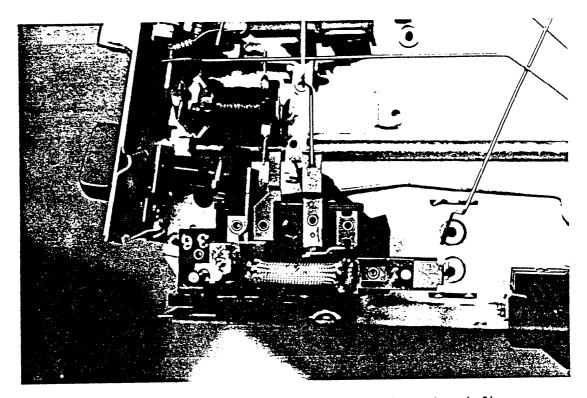


Photo # 14: Exemplar solenoid in the control circuit. The windings show heat discoloration which resulted from experiments performed by the forensic engineer adempting to recreate the fire cause.

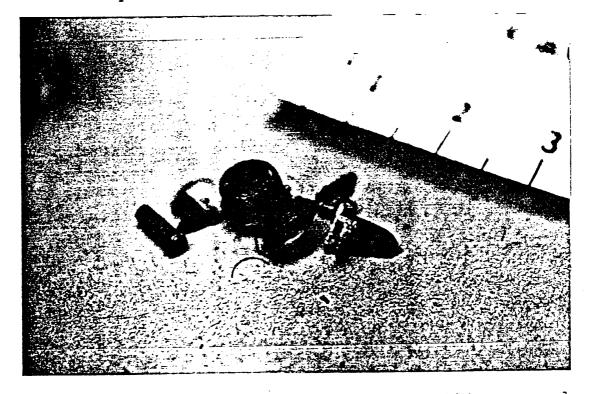


Photo # 15: Remains of the fire damaged unit solenoid which was removed from the unit by the forensic engineer.

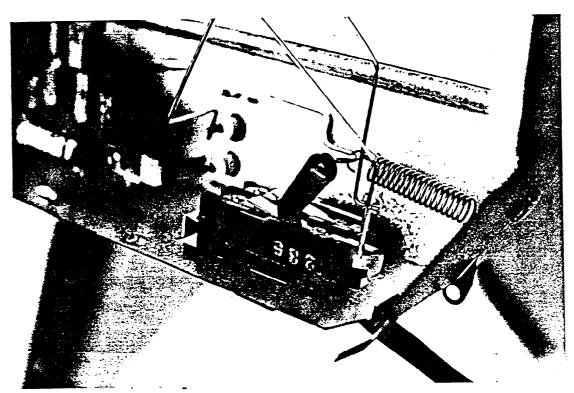


Photo # 16: Exemplar door disconnect switch.



Photo # 17: Fire damaged unit door disconnect switch.

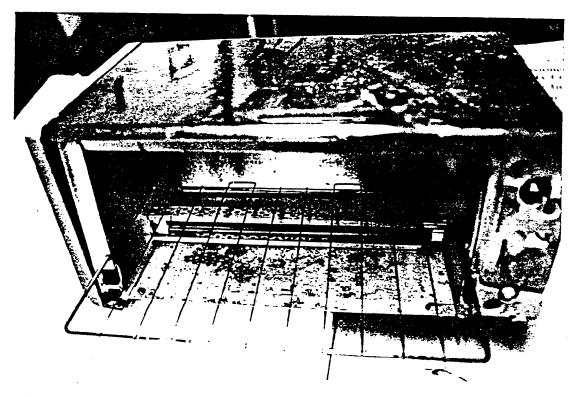


Photo # 18: View of the interior of the fire damaged unit.

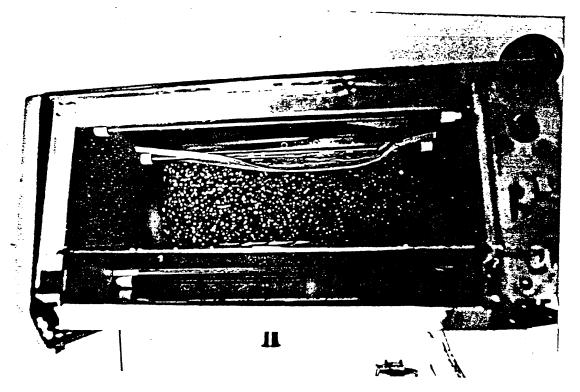


Photo # 19: View of the interior of the fire damaged unit showing the melted reflector on the upper rear heating element.

The forensic engineer concluded that the reflector was melted by over heating of the element.

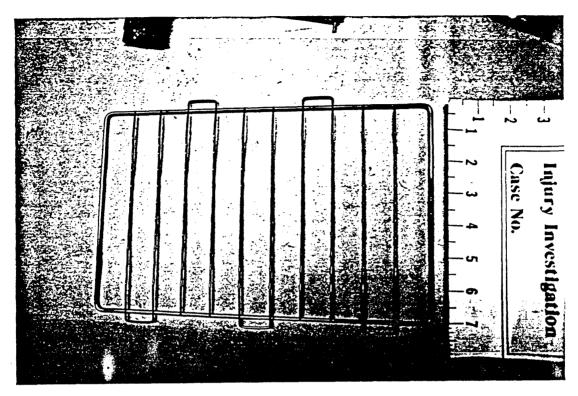


Photo # 20: View of the fire damaged unit toaster rack. Intense heat discoloration of the chrome occured close to the control compartment end. The effect decreased as distance from the control compartment increased.

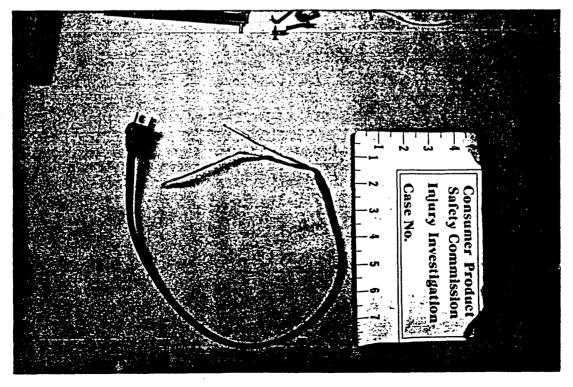


Photo # 21. View of the remains of the fire damaged unit power cord



Photo # 22: Exemplar package label.

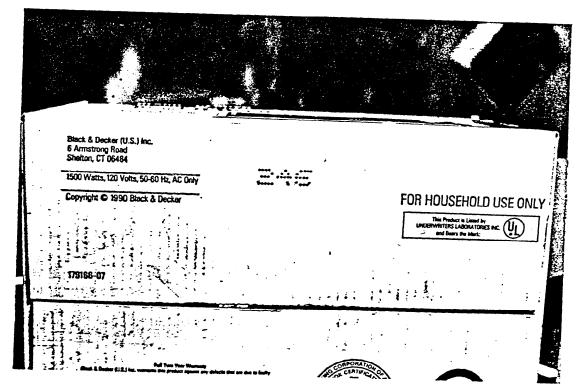


Photo # 23: Exempler package label.